CONTENTS OF VOL. CXL.

ORIGINAL ARTICLES.

The Value of Optimism in Medicine. By E. L. Trudeau, M.D. 1

The Treatment of Arterial Hypertension. By Arthur R. Elliott, M.D . 6

The Hemorrhagic Disease of the Newborn, with Special Reference to Blood Coagulation and Serum Treatment. By Hermann Schwarz, M.D., and Reuben Ottenberg, M.D. 17

The Radiographic Diagnosis and Classification of Early Pulmonary Tuberculosis. By Lewis Gregory Cole, M.D. 29

The Medical Aspects of Those Toxemias of Pregnancy which Tend Toward Eclampsia. By Edward F. Wells, M.D. 53

Disturbances of the Thyroid Secretion in Northern Mexico. By Walter C. Alvarez, M.D. 59

Typhoid Spermatocystitis and Prostatitis and Their Relation to Chronic Typhoid Bacilluria. By John W. Marchildon, B.S., M.D. . . . 74

Von Graefe's Sign in Myotonia Congenita (Thomsen's Disease). By Julius Parker Sedgwick, M.D. 80

Torsion of the Great Omentum. By A. C. Griffith, M.D. 87

The Theoretical Consideration of the Wassermann Reaction and its Practical Application. Based upon a Study of 2750 Cases. By D. M. Kaplan, M.D. 91

Calcium Metabolism, with Special Reference to Exophthalmic Goitre. By Caroline Towles, M.D. 100

How Far is Heredity a Cause of Aural Disease? By B. Alex. Randall, M.A., M.D. 113

Trichinosis: A Clinical Study of Fifty-two Sporadic Cases. By W. Gilman Thompson, M.D 157

An Epidemic (Fourteen Cases) of Trichinosis, Due to Eating Boiled Ham, with Special Reference to the Occurrence of Eosinophilia. By Henry Albert, M.D. 167

218286

Intestinal Diverticula: A Pathological and Clinical Study. By JOHN A. HARTWELL, M.D., and RUSSELL L. CECIL, M.D. 174

Skin Rashes in Typhoid Fever. By JOHN PHILLIPS, M.B. 203

Extensive Sarcoma of the Heart, Involving the Bundle of His. By CHARLES F. MARTIN, M.D., and OSKAR KLOTZ, M.D. 216

The Association of "Rheumatic Fever" and the Erythema Group of Skin Diseases, with a Report of Four Cases. By OSCAR M. SCHLOSS, M.D. . 226

Acquired Hemolytic Ictero-anemia: Widal's Syndrome. By WILFRED M. BARTON, M.D. 239

Typhoid Bacilli Carriers and Their Relation to Public Health. By J. P. SIMONDS, M.D. 247

Chronic Nephritides, Due to Acute Systemic Infection. By HEINRICH STERN, M.D. 256

Pernicious Anemia, with Remission for Seventeen Years. By ALEXANDER MCPHEDRAN, M.D. 261

Diagnostic Puncture in Tuberculous Abscesses. By JAMES K. YOUNG, M.D. 266

Primary Tumor of the Velum, with Marked Compression of the Ventricle. By HARLOW BROOKS, M.D. 270

The Therapeutic Action of Digitalis. By V. E. HENDERSON, M.D. . . . 313

Digestive or Alimentary Hypersecretion of Gastric Juice. By JULIUS FRIEDENWALD, M.D. 318

Chronic Pancreatitis. By JOSEPH SAILER, M.D. 330

Congenital Heart Block Occurring in a Father and Two Children, One an Infant. By Z. M. K. FULTON, M.D., CHARLES F. JUDSON, A.B., M.D., and GEORGE W. NORRIS, A.B., M.D. 339

The Duration of Pregnancy, with a New Rule for Its Estimation. By ELLICE MCDONALD, M.D. 349

Further Studies of Sarcoma of Bone. By LEO BUERGER, M.D. . . . 355

Cases Illustrating the Origin of Hysterical and Pseudohysterical Symptoms. By TOM A. WILLIAMS, M.B., C.M. (Edin.) 378

Psychasthenic Attacks Resembling Epilepsy. By THOS. J. ORBISON, M.D. 392

A Fatality Following the Removal of Tonsils and an Adenoid Growth. By FRANCIS R. PACKARD, M.D. 399

Metabolism after Parathyroidectomy. By J. V. COOKE, M.D. . . . 404

The Electrocardiogram in Clinical Medicine. I. The String Galvanometer and the Electrocardiogram in Health. By Walter B. James, M.D., and Horatio B. Williams, M.D. 408

The Effects of Injections of Killed Streptococci. By George H. Weaver, M.D. 422

Dilatation of the Aorta. By Thomas McCrae, M.D., F.R.C.P. 469

Heart Block with an Indication of Genuine Hemisystole. By Alfred Stengel, M.D., and William Pepper, M.D. 487

The Treatment of Aneurysm of the Aorta by the Introduction of Wire and the Passage of a Galvanic Current. By Augustus A. Eshner, M.D. . 496

Orthodiagraphy in Pathological Conditions of the Heart and Aorta. By Thomas A. Claytor, M.D., and Walter H. Merrill, B.L., M.D. . 506

The Etiology of Subacute Infective Endocarditis. By E. Libman, M.D., and H. L. Celler, M.D. 516

Syphilitic Febrile Pylephlebitis, with Remarks on Syphilitic Fever and Aberrant Types of Hepatic Syphilis. By Arthur R. Edwards, A.M., M.D. 527

Stretching of the Cardia in the Treatment of Cardiospasm and Idiopathic Dilatation of the Œsophagus. By Max Einhorn, M.D. 536

A Preliminary Note on Medical Uses of Rectal Infusions. By Henry Sewall, Ph.D., M.D. 546

The *X*-ray Treatment of Status Lymphaticus, with Inferences Drawn Therefrom Concerning the Physiology of the Thymus Gland. By B. K. Rachford, M.D. 550

A Case of Splenomegaly Associated with Marked Anemia of the Pernicious Type. By R. D. Rudolf, M.D., F.R.C.P., and C. E. C. Cole, B.A., M.B. 557

The Spinal Cord Lesions in Two Cases of Pernicious (Addisonian) Anemia. By C. N. B. Camac, M.D., and Lindsay S. Milne, M.D. 563

Uric Acid in Gout. By A. Magnus-Levy, M.D.. 625

The Electrocardiogram in Clinical Medicine. II. The Electrocardiogram in Some Familiar Diseases of the Heart. By Walter B. James, M.D., and Horatio B. Williams, M.D. 644

Ipecac in the Treatment of Intestinal Amœbiasis. By Walter V. Brem, M.D., and A. H. Zeiler, M.D. 669

The Treatment of Arthritis Deformans. By Clarence Edward Skinner, M.D., LL.D. 684

The Leg and Arm Phenomena in Tetany. By EUGENE H. POOL, M.D. . 696

The Significance of Cardiorespiratory and Subclavian Artery Murmurs. By H. R. M. LANDIS, M.D., and S. A. MUNFORD, M.D. 698

The Prognosis in Chronic Valvular Disease of the Heart. By HERMAN B. ALLYN, M.D. 702

Intestinal Obstruction. By J. N. HALL, M.D. 711

Idiopathic Circumscribed Spinal Serous Meningitis. By T. H. WEISENBURG, M.D., and GEORGE P. MÜLLER, M.D. 719

Dermatitis Herpetiformis in Early Childhood. By RICHARD L. SUTTON, M.D. 727

Retention Cysts of the Kidney. By GEORGE G. ROSS, M.D. 733

Pleurisy as a Complication and a Sequel of Lobar Pneumonia: Its Diagnosis and Treatment. By JAMES M. ANDERS, M.D., LL.D . . . 781

The Use of the Soy Bean as a Food in Diabetes. By JULIUS FRIEDENWALD, M.D., and JOHN RUHRÄH, M.D. 793

The Role Played in Auscultatory Signs of the Respiratory System by the Sound-conducting Property of the Bony Framework of the Thorax. By JOSEPH H. BARACH, M.D. 803

A Clinical Method of Estimating the Coagulation Time of the Blood. By ROBERT DAWSON RUDOLF, M.D. (Edin.), F.R.C.P. (Lond.) 807

The Clinical Significance of Transitory Delirium Cordis. By GEORGE HENRY FOX, M.D. 815

Erythremia or Polycythemia with Enlarged Spleen and Chronic Cyanosis. By EDWARD C. SEUFERT, A.M., M.D. 827

Tuberculosis and Menstruation. By DAVID ISRAEL MACHT, M.D. . . 835

The Incidence and Significance of Smooth (or Indurative) Atrophy of the Base of the Tongue. By DOUGLAS SYMMERS, M.D. 859

The Syndrome of Sphenopalatine-Ganglion Neurosis. By GREENFIELD SLUDER, M.D. 868

The Clinical Value of the Cammidge Reaction. By LYELL C. KINNEY, S.B., M.D. 878

The Determination of Chlorine and the Purin Bodies in Urine. By ROSCOE W. KING 883

REVIEWS.

Reviews of Books 117, 273, 427, 585, 742, 887

PROGRESS OF MEDICAL SCIENCE.

Medicine 127, 283, 439, 595, 751, 897
Surgery 133, 289, 445, 601, 757, 903
Therapeutics 139, 295, 451, 607, 763, 909
Pediatrics 144, 299, 454, 611, 767, 913
Obstetrics 145, 301, 458, 614, 770, 916
Gynecology 149, 305, 461, 617, 773, 919
Ophthalmology 464
Otology 620
Laryngology 152, 776
Dermatology 307, 922
Pathology and Bacteriology 154, 310, 466, 622, 924
Hygiene and Public Health 778, 925

CONTENTS.

ORIGINAL ARTICLES.

The Value of Optimism in Medicine 1
By E. L. TRUDEAU, M.D., Saranac Lake, New York.

The Treatment of Arterial Hypertension 6
By ARTHUR R. ELLIOTT, M.D., Professor of Medicine in the Post-Graduate Medical School, Chicago.

The Hemorrhagic Disease of the Newborn, with Special Reference to Blood Coagulation and Serum Treatment . . . 17
By HERMANN SCHWARZ, M.D., Assistant Adjunct Pediatrist to the Mount Sinai Hospital, and REUBEN OTTENBERG, M.D., George Blumenthal, Jr., Fellow in Pathology, Mount Sinai Hospital, New York.

The Radiographic Diagnosis and Classification of Early Pulmonary Tuberculosis 29
By LEWIS GREGORY COLE, M.D., Consulting Radiologist to the New York Board of Health; Attending Radiologist to St. Mary's Free Hospital for Children, New York.

The Medical Aspects of Those Toxemias of Pregnancy Which Tend Toward Eclampsia 53
By EDWARD F. WELLS, M.D., Professor of Clinical Medicine in the College of Physicians and Surgeons, University of Illinois, Chicago.

Disturbances of the Thyroid Secretion in Northern Mexico . . 59
By WALTER C. ALVAREZ, M.D., of Cananea, Sonora, Mexico.

Typhoid Spermatocystitis and Prostatitis, and their Relation to Chronic Typhoid Bacilluria 74
By JOHN W. MARCHILDON, B.S., M.D., Assistant Professor of Bacteriology in St. Louis University, St. Louis.

Von Graefe's Sign in Myotonia Congenita (Thomsen's Disease) . 80
By JULIUS PARKER SEDGWICK, M.D., Clinical Instructor in Pediatrics in the University of Minnesota; Pediatrist to the Minneapolis City Hospital.

Torsion of the Great Omentum 87
By A. C. GRIFFITH, M.D., Adjunct Professor of Medicine in the Post-Graduate Medical College, Kansas City, Missouri.

The Theoretical Consideration of the Wassermann Reaction and its Practical Application. Based upon a Study of 2750 Cases 91
By D. M. KAPLAN, M.D., Resident Pathologist to the Montefiore Home, New York.

Calcium Metabolism, With Special Reference to Exophthalmic Goitre 100
By CAROLINE TOWLES, M.D., of Baltimore.

How Far is Heredity a Cause of Aural Disease? 113
By B. ALEX. RANDALL, M.A., M.D. Clinical Professor of Otology in the University of Pennsylvania, Philadelphia.

REVIEWS.

Urgent Surgery. By Felix Lejars 117
American Practice of Surgery. Edited by Joseph D. Bryant, M.D., LL.D., and Albert H. Buck, M.D. 118
A Text-book of Surgery for Students and Practitioners. By George Emmerson Brewer, A.M., M.D. 121
A Handbook of the Diseases of the Nose and Throat. By Eugene S. Yonge, M.D. 122
A Manual of Diseases of the Ear, including those of the Nose and Throat in Relation to the Ear. By Thomas Barr, M.D., and J. Stoddart Barr, M.B., Ch.B. 123
Soured Milk and Pure Cultures of Lactic Acid Bacilli in the Treatment of Disease. By George Herschell, M.D. (London); F.R.S.M. . . 124
La Cure Radicale de la Hernie Inguinal. By Dr. Lucas-Championnière 125
Die Direkte Laryngoskopie, Bronchoskopie, und Esophagoskopie. Von Dr. med. et. phil. W. Brünings. 126
The Sexual Disabilities of Man and Their Treatment. By Arthur Cooper 126

PROGRESS OF MEDICAL SCIENCE.

MEDICINE.

UNDER THE CHARGE OF

WILLIAM OSLER, M.D., AND W. S. THAYER, M.D.

The Pupillary Symptoms in Thoracic Aneurysm 127
The Quantitative Estimation of Albumin in the Urine 128
The Relationship between the Wassermann Reaction and Mercurial Treatment 128
Experimental Anterior Poliomyelitis 129
The Results of Cutting the Tawara Bundles 129
Chronic Heart Block in the Dog 130
The Meiostagmine Reaction in Malignant Tumors 131
The Specific Meiostagmine Reaction 131
A Specific Property of Luetic Sera 132

SURGERY.

UNDER THE CHARGE OF

J. WILLIAM WHITE, M.D., AND T. TURNER THOMAS, M.D.

The Indications and Practical Value of Pyelotomy for the Removal of Calculi in the Renal Pelvis, Based upon a Study of 103 Cases 133
Treatment of Fractures by Parathyroid Medication 134
Traumatic Lesions of the Semilunar Cartilages of the Knee . . . 134
The Functional Results Following Resection of the Elbow with the Interposition of Muscle Flaps by Helferich's Method 135
A Contribution to the Surgery of the Liver and Bile Passages . . 136

Long-continued Primary Etherization 136
Methods of Treatment for Air and Fat Emboli 137
Continuous Syphonage of the Stomach in the After-treatment of Severe Cases of Peritonitis 137
Volkmann's Deformity of the Ankle as a Result of a Congenitally Faulty Position of the Fibula 138

THERAPEUTICS.

UNDER THE CHARGE OF

SAMUEL W. LAMBERT, M.D.

The Treatment of Tuberculosis with Large Doses of Tuberculin . . 139
The Tuberculin Treatment of Dispensary Patients 139
The Results of the Combined Sanatorium and Tuberculin Treatment of Pulmonary Tuberculosis 140
Intravenous and Intramuscular Injections of Large Doses of Antitoxin in the Treatment of Diphtheria 140
Autoserotherapy of Ascites 140
The Treatment of Carcinoma with Body Fluids of a Recovered Case . 141
The Management of Glycosuria in Elderly Persons 141
Acidosis in Diabetes and the Value of the Oatmeal Cure 142
The Determination of Acidosis in Diabetes from a Therapeutic Standpoint 142
The Diatetic Treatment of Uric Acid Diathesis and Gout . . . 143
Glycerin in the Treatment of Pernicious Anemia 143
Veronal in Delirium Tremens 143

PEDIATRICS.

UNDER THE CHARGE OF

LOUIS STARR, M.D., AND THOMPSON S. WESTCOTT, M.D.

The Bacteriology of Acute Infections of the Respiratory Tract in Children 144
Constipation in Infants 144
The Condition of the Blood in Pertussis 145

OBSTETRICS.

UNDER THE CHARGE OF

EDWARD P. DAVIS, A.M., M.D.

Pubiotomy a Justifiable Operation 145
Five Cases of Hebotomy 146
The Duration of the Second Stage of Labor and its Influence on Mother and Child 147
A Case of Precipitated Labor Causing the Death of the Infant . . 147
The Treatment of Placenta Prævia in the Munich Clinic 147
Congenital Dislocation of tne Kidney and Pelvis Complicating Pregnancy 148
Villous Toxemia and the Serum Diagnosis of Early Pregnancy . . 148

GYNECOLOGY.

UNDER THE CHARGE OF

J. WESLEY BOVÉE, M.D

The Spread of Carcinoma by the Fallopian Tube 149
Primary Cancer of the Fallopian Tube 149
Changes in the Normal Endometrium during Menstrual Life . . . 149
The Subinvoluted Uterus 150
Tetanus Developing Twelve Days after Shortening the Round Ligaments 150
Is the Routine Exhibition of the Pre-operative Purge Defensible? . 151
Pelvic Transplantation Metastasis as a Means of Recognition of Hopeless Abdominal Carcinoma 151

DISEASES OF THE LARYNX AND CONTIGUOUS STRUCTURES.

UNDER THE CHARGE OF

J. SOLIS-COHEN, M.D.

Tuberculosis of the Trachea and Thyroid Gland 152
Sarcoma of the Nose 152
Iodine in Diseases of the Mouth 152
Palatopharyngeal Adhesions the Result of Traumatism in Operation upon the Tonsils 153
Tuberculosis of the Œsophagus 153
Papilloma of the Larynx and Palate in the Same Subject . . . 153
Singers' Node 153
Traumatic Injury of the Upper Air Passages from Formaldehyde . 153

PATHOLOGY AND BACTERIOLOGY.

UNDER THE CHARGE OF

WARFIELD T. LONGCOPE, M.D.,

ASSISTED BY

G. CANBY ROBINSON, M.D.

The Etiology and Pathological Anatomy of Rheumatic Myocarditis . 154
Experiments upon Increased Blood Pressure in Nephritis 154
The Present Status of Trachoma Bodies 155
Calcium and Cardiac Inhibition 156